

XP-002328302

(C) WPI / DERWENT

AN - 1992-156223 [30]

A - [001] 003 014 028 020 022 023 028 034 039 04- 049 05- 050 058 062 064  
074 075 076 077 079 081 086 127 128 147 157 159 163 198 200 201 202  
226 231 240 258 276 288 300 306 31- 334 336 37- 40- 508 528 546 575  
58- 583 589 720 723 728

AP - JP19900211299 19900809

CPY - GOOU

- KAOS

DC - A96 D21

FS - CPI

IC - A61K7/06

KS - 0013 0037 0203 0207 0226 0231 0496 0503 0587 0643 1279 1282 1592 1633  
2002 2014 2021 2585 2761 3002 3063

MC - A04-D04A A04-D09 A04-F06E5 A12-V04A D08-B04

PA - (GOOU) GOO CHEM IND CO LTD

- (KAOS) KAO CORP

PN - JP4095017 A 19920327 DW199219 006pp

PR - JP19900211299 19900809

XA - C1992-072046

XIC - A61K-007/06

AB - J04095017 Cationic/amphoteric polymer comprises 5-40 mol% of the repeat unit of formula (I), 40-90 mol% of amphoteric repeat, repeat unit of formula (I), 40-90 mol% of amphoteric repeat unit of formula (II) and 5-40 mol% of repeat unit of formula (III).

Cationic/amphoteric polymer is contained in the hair cosmetic material. In the formulae, R1, R4 = H or methyl; R2, R5, R6 = 1-4C alkylene; R3 = 1-4C alkyl benzyl, 2-hydroxyethyl, 2,3-epoxypropyl, 2-hydroxypropyl or gp. -CH<sub>2</sub>CH(OH)(OCH<sub>2</sub>CH<sub>2</sub>)<sub>n</sub>OH (n = integer 1-9); A1, A2 = O or NH; X = halogen or alkyl sulphuric acid residue.

- USE - The material is used as a component for shampoo, rinse, etc. It gives excellent hair conditioning and styling effect. (0/0)

- (Dwg.0/0 the s)

AW - METHACRYLATE

AKW - METHACRYLATE

IW - CATION AMPHOTERIC POLYMER HAIR COSMETIC COMPRISE QUATERNARY AMMONIUM

METHO ACRYLATE UNIT QUATERNARY AMPHOTERIC TERT AMMONIUM METHO ACRYLATE

AMPHOTERIC UNIT HYDROXYALKYL METHO ACRYLATE UNIT

IKW - CATION AMPHOTERIC POLYMER HAIR COSMETIC COMPRISE QUATERNARY AMMONIUM

METHO ACRYLATE UNIT QUATERNARY AMPHOTERIC TERT AMMONIUM METHO ACRYLATE

AMPHOTERIC UNIT HYDROXYALKYL METHO ACRYLATE UNIT

NC - 001

OPD - 1990-08-09

ORD - 1992-03-27

PAW - (GOOU) GOO CHEM IND CO LTD

- (KAOS) KAO CORP

TI - Cationic-amphoteric polymer for hair cosmetic - comprises quat. ammonium (meth)acrylate] units, quat. amphoteric tert. ammonium (meth)acrylate] amphoteric units and hydroxyalkyl-(meth)acrylate] units